



NITFS Compliance Registration



Product: Enterprise Image Access Solutions (E-IAS)

Sponsor: Transcoder Version 1.5.2
ITT Visual Information Solutions

Date: 22 July 2010
Expiration: 22 July 2012
Registration #: 3019

Developer: ITT Visual Information Solutions

- ☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☒ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

-Intel Core, 2.67GHz, Windows XP Pro SP3
-Intel Core, 2.67GHz, Fedora Release 10, Cambridge
-Blade 2000, Sparc 64 Bit, Solaris 10

NITFS Features Implemented:

Format

☒ NITF
☒ 2.1
☐ 2.0
☐ 1.1

☐ NSIF
☐ 1.0

Pixel Value Types

☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

☒ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

☒ MONO
☒ RGB
☐ RGB/LUT
☐ YCbCr
☒ MULTI
☐ NODISPLAY
☐ POLAR

Image Compression

☐ No Compression
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☒ JPEG 2000
☐ Bi-Level
☐ Vector Quantization

Data Extension Segments

☒ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

☒ J2KLRA
☒ HISTOA

Legend
Interpret Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

BRENT L. SNYDER, Lt Col, USAF
JTF Portfolio Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.